ROUND ROBIN

A Factual and Non-Sectarian
Publication
issued in the interests of

BORDERLAND SCIENCES RESEARCH ASSOCIATES (BSRA)

AND OF ALL STUDENTS OF PSYCHIC, OCCULT, SPIRITISTIC
AND PARAPSYCHOLOGICAL PHENOMENA.

Published by **MEADE LAYNE, M. A., Director**
3524 Adams Avenue, San Diego 4, California

VOL. V **AUGUST 1949** **No. 5**

THE ROUND ROBIN VOLUME V AUGUST
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THE BORDERLAND SCIENCES RESEARCH ASSOCIATES

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MALAMALA - LET US UPHOLD AND SPREAD ABROAD THE LIGHT!

ETHERIA CALLING!

Dion Fortune says somewhere, in effect, that the phenomena or any particular happening, on any plane, can never be fully explained in terms of that plane alone. Always, back of the facts and theories of science and the superficialities of 'common sense', lie forces, laws, and types of energy unknown to us - and the omniverse itself, since everything in existence is related to everything else. So, all 'explanations'- of the flying discs or anything else - must always be partial, proximate, and conditioned by a vast ignorance and only a little knowledge. But for all that, men must continue to try to think, to understand, and to expand consciousness. The alternative is stagnation, and a rudderless drifting on the tides of cosmic life.

With these reservations, Round Robin has presented many times what its Editor believes to be the correct, tho' limited interpretation of the flying discs. The data have been itemized, not only by RR but by half a dozen magazines of national circulation as well, but only in RR has an attempt been made to analyze it from the viewpoint of a single hypothesis. This hypothesis (which RR holds to be more than that) gives an account which is logical and satisfactory, not only to the occultist and metaphysician, but to the physical scientist who is liberal-minded and somewhat informed in 'unorthodox' investigations as well. The gist of this explanation is, that the discs (and many other strange sky craft) come from "Etheria" - and that Etheria is an invisible, intangible, yet wholly material world, which lies all about us, and in a sense interpenetrates with our own.* What I wish to deal with for the moment is the very great mental difficulty people experience, in trying to grasp the idea of a dense material world close at hand, which we are unable, not only to see and hear, but even to touch.

Easy enough, in a way, to understand the first two of these failures of our senses. There are colors (or wave lengths and frequencies) above the violet and below the red of our spectrum; and an object 'colored' in this way would not be visible to us. Everyone knows, too, that there are sounds (waves, frequencies, vibrations) too fine and high or too low for our ears to apprehend; all the world is filled with such sounds, and we do not hear them at all. Not so easy, tho', in this matter of touch. "Do we not" (we say) "touch solid objects whether we see them or not? Your soundless, colorless world must at least be tangible! if, as

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* RR editors are fully aware that experimental craft and even guided missiles may occasionally be overhead, but this has almost no bearing on the true problem of the discs and other craft. We cannot constantly restate or even summarize the data, which now would run to book-length. The earlier stages however are summed up in the RR booklet, "Mystery of the Flying Discs" ($1.00)

you maintain, it is really dense and solid. No, it must be vaporous, or like air or gases, or emanations, radiations, and rays, which we cannot usually detect by direct touch, tho' sometimes by instruments."

(I am told by those gifted with etheric vision, that on the very site of this city where I am now writing, there is also another city, with towers and palaces, far more fair to see, and with a great lake in the very center of it; and the waters of this lake submerge all our fine buildings, and our homes are beneath its waves, and the spires and towers of the city rise where ours also stand, in them and through them, disregardful of them, touching them and us not at all. It is said, too, that a wonderful people live there, giants to our pigmy stature, with golden and Titian hair falling about their shoulders, men like Gods or godlets, and women like the houri of paradise (who indeed were no fiction to the inspired etheric vision of the prophet). We hear these things, and think of them as fantasy and dream; yet, what is dream? and where is fancy bred? Of all the planes of illusion (and there are none other) this solid-seeming earth - world of ours is worst or best, where every brick and stone is an airy dance of electrons and pattern of unseen intangible forces.)

To this aforesaid hypothesis of 'commonsense', that etheric stuff must be vaporous and rare in texture, there are important considerations to be opposed. In the first instance one must reply, that <u>ours</u> is the thin and fanciful domain of vapors and rarefactions - in the vast ever - lasting thickness and density and durability of matter; and that this <u>matter</u> and prime cosmic stuff is to us in our foolish language, Space; and that Space is Life, or is alive, is consciousness or the well-spring of consciousness; and that matter and energy and space and life are all ONE THING - "the unfathomable universe" which Whitman and every seer and prophet have worshipped in the stillness of the indrawn breath. Yet, to repeat, it is hard and hard for us, to lay hold of this mystery with the fingers of the mind, integrating it with daily life and common experience.

Let us take note of one elementary fact, that (according to present-day science at least) there is plenty of <u>room</u> for Ethereans, their cities and palaces and laboratories, right in and with and alongside ours. Why, let us suppose that an atom be magnified (by the microscope of mathematics) so that the orbit of the spinning electron (<u>if</u> it spins) have a diameter equal to that of the earth about the sun (is it 184 million miles or thereabout?); then the diameter of the electron itself will be half the radius of the earth, 2000 miles - and the diameter of the nucleus (where weight and mass chiefly lie) can be taken as two miles only. Consider these magnitudes, of nucleus and electron, in comparison with the enormous distances separating them. Distance, however, which does <u>not</u> separate, but unites; which is <u>not</u> empty nothingness, but space, but stuff, but matter, but reality - but mind-life and mind-stuff all stuffed with manifestations of its own. So, the spin and dance of our atoms is a thinning and spreading out, a kind of holes or bubbles rare as 'swimmers in the vasty deep'. And of the ethers (if we must have that word) there is no end, but an endless interplay of each thru each, so that of homogeneous stuff there is none, and of "empty space" none at all, and of mystery upon mystery there is no end - but of man's thought there is an end.

Now, the physicist, who does not like these popularizations of his hard-won facts, will say that for him the centers of the atoms, the nuclei, seldom approach each other much closer than one angstrom - and an angstrom, if you please, is a hundred-millioneth of a centimeter, and a cm is a bit shorter than this line (-----). A negative electron has a diameter of about 35 millioneths of an inch (.000035), so that it would take about 30 thousand electrons, touching each other, to measure one angstrom and reach from one nucleus to another. Consider again, in these terms, the comparitive vastness of the space (the matter, the mind, the stuff) which separates-and-unites the parts of the atom. How many other atoms, other things, other worlds (if they are imperceptible to us), MAY lurk in these huge, these 'stellar' interspaces!

We spoke of the nucleus of the atom as holding nearly all its mass and weight. The lightest atom is hydrogen, and its mass is nearly 1840 times that of a negative electron. But it is not larger in volume - let us take good note of that. "The larger the mass the smaller the diameter" is axiomatic in present-day science. The negative electron has the greatest volume of any individual body in the atom. "If the distance from center to center of nearest atoms is, say, 2 angstroms, and if the negative electron is of the order of 10^{-13} (1 over 10-plus-13 ciphers), the volumes are to each other as the cubes of these figures, or 10^{15} (10 plus 15 ciphers). That is to say, the volume of the atom is 10^{15} times as much as the volume of one negative electron." *

A diamond is a very dense substance (3.55 as dense as water). Suppose we could put such pressure on a diamond that it was crowded into a density equal to that attributed to the star Wolf 457 -, to 500 million times the density of water. (Wolf, by the way, has a mass 60 times that of our sun but is only about the size of our moon, some 3000 miles in diameter: "the greater the mass the smaller the diameter"). Well, a cubic inch of our condensed diamond (or of the star mentioned) would weigh about 9000 tons on our earth; but the nuclei would still be distant from each other, 10 to minus 10th power - 10 to minus 11th, centimeter. This means, that the distance between the nuclei of atoms would still be between 10 and 100 times the diameter of the atom itself.

Everywhere in the omniverse, space - and rarefactions of space - because space, being stuff, mind-stuff, energy-matter-mind stuff, can be rarefied or increased in density. Room for other universes? Even our science declares, there is practically nothing but "room" in the uni - verse. But what "room" means, and what may be "in" it is unsolvable mystery, which nevertheless we must make some mental gesture toward solving.

For reasons that will appear, we must give a few definitions. Weight is a force, the pull of gravity. Amount of matter and weight are not quite the same (a cubic inch of iron weighs more at the poles). MASS is the quantity of matter in a body without reference to weight. In the same location, weight is proportional to mass (2 cc of water weigh 2 grams; have a mass of 2 grams; and a density of 1 gram per cc). Now, a

* Crehore, Atomic Theory, 1942.

curious fact came to light in connection with the development of Einstein's equations. The mass of a body (the quantity of matter in it) increases with velocity, when the velocity approaches that of light. Mass, therefore, is a function of velocity, depends on velocity. In any given body, the volume (space occupied) remaining constant, and its velocity being increased, the mass increases; consequently the quantity of matter per unit volume, or DENSITY, also increases.

When we say that the invisible, intangible etheric world is also far more dense than ours, our incredulity largely arises from a wrong conception of density. The speed of the atomic particles determines density. Atoms of innumerable sizes may exist within what we call the interspaces of the atoms of our matter (and remember that "empty space" has no meaning at all), and if their velocity exceeds that of the atoms of our "dense matter", substances made up of them will have a much higher density, far beyond anything we experience directly or otherwise. And again, "the smaller the particle the greater the mass." "The higher the velocity, the greater the mass." Density is the amount of matter per unit volume. If the volume is constant, increased mass means increased density.

If all this seems extraordinarily dull, remember our objective. We are trying to understand how an etheric world can be present all about us, with unseen colors and unhearable sounds, and made up of particulate matter more dense than ours. Physicists have no trouble with this; the properties of a hypothetical ether were investigated mathematically decades ago; it was found to be more dense than steel - and yet we are unconscious of its presence and move in it freely. We believe now, there are innumerable ethers, but probably no homogeneous ether. And we might also note, that the ether postulated and investigated by mathematicians, besides its density, has many other properties which do NOT belong to any form of matter known to us.

Going back for a moment to the spectrum of color and of sound, it may help us most simply to use an analogy; there should be, by such reasoning, a spectrum of touch also. We are familiar with its upper limits, since we cannot touch air or gases or radiations because (as we say) they are too thin, not dense enough, like stone or wood. It does not seem to occur to us, that on the lower end of the touch spectrum there may be substances too dense for touch - like colors below red, and sounds below our hearing range. This offends our 'common sense' and our experience - and so, becomes perhaps the greatest single obstacle to 'putting across' the idea of the material reality of the etheric worlds. But mathematics and speculative physics are fast invading these worlds - and the flying discs are coming out of them, invading ours. Or shall we say, they are here all the time, and we are there? It behooves us students of borderland sciences (and everybody else too) to try to understand a few elementary concepts, to be receptive even to odd ideas - and for a bookfull of eminently practical reasons. Also, to mistranslate Holy Writ, by taking thought one can perhaps add some cubits or less, at least to his mental stature.

M.L.

ON THE INTANGIBILITY OF DENSE MATTER -

(Excerpts from the correspondence of John A. Hilliard)

As to the intangibility of densities more or less than the heaviest or lightest known matter, the following is my opinion.

Density is relative. Much depends, too, on what we mean by desnity. We can think of it in terms of weight per unit volume, thereby compar - ing the action of gravity on equal volumes of different substances. We may think of it in terms of more of a unit in a given space. This is the comparison of the quantity of substance in equal volumes.

But there is yet another way of thinking, in which density depends upon the range of the mechanisms of sense. In this mode we compare the least perceptible with the most perceptible, and the whole of which, we are aware, falls into four divisions; i.e.,solid, liquid, gas, and heat-energy (heat, light, electricity, etc.). And we say solids are the most dense, liquids less so, gases still less, and electrical substance the least dense.

If we go beyond these with our concept, we will have substance more dense than solids and more tenuous than a cloud of electrons. If we try to think of these in atomistic terms we get too many particles in the atom on one end, and run out of particles on the other. 'Metatron-ically' there is the same amount of matter in any atom. In that con - cept density depends on the ability of the sense mechanism to respond to the metatronic structure of the atom. The more the senses can re - spond to, the more dense the atom will seem to be. Lead seems more dense than any other substance because nearly all its atoms are percept-ible to us as substance.

If we plot a curve thru 'seeming' densities, the curve will be bell-shaped, a probability curve with lead at its peak. The curve drops down again to the right toward the less dense level as we go on toward uranium and the radioactive metals, among which we find a gas called Radon, atomic number 222, element 86. In other words, as we go down the scale of elements we are able to perceive and to measure more of the metatronic structure of the atoms until we reach lead, after which we are able to perceive and measure less and less of the said meta - tronic structure.

It is conceivable that there could be no substance denser than lead. Suppose we move our bell-shaped curve down the scale to where U 238 comes at the peak of the curve; now U 238 is seemingly most dense, and beyond are new and wondrous substances, of less densities, having properties not now dreamed of. Move the curve the other way to where hydrogen comes at the peak. We now see hydrogen as solid as lead, and beyond to the left the new and remarkable substances of the etheric world. If it were possible to spread the senses over this wider range we would sense not only the normal materials of this physical world, but the new substances of the etheric and subphysical worlds also. In this concept it is held that any atom is no more dense than any other, and that density depends only on how much of the atom is perceptible and therefore measureable.

It is probable that the basic atom we call the metatron is considerably denser than any known substance to any entity in any given plane. It may be known in full to intelligences whose awareness includes a large number of planes.

Of course these ideas bring up all kinds of questions as to interpenetrability, variation in weight of unit volume, the properties of a gas as compared to liquids, solids etc., but all these properties fall into the category of 'how much is perceived'. Not all the force called gravity is observable to our physical senses - nor all of anything, for that matter --

I'll leave it dangling there, and feel sure that our readers can get the kernel out of the husk. I also hope somebody else turns up a better approach.

J.A.H.

ooOoo

(The following is a very productive discussion of the same general subject from M.C., the author of the serial article "The Open Road," which will be omitted from this issue but continued in the succeeding number of RR.)

PROBLEM OF COMPARATIVE DENSITIES

To the Editor of Round Robin:

Catching up on my reading brought to the surface your release 'Concerning Instrumental Communication and Relative Densities,' with your note in the corner. Here is the situation as I see it, in the 'light' of the Transformation Theory:

Chemical matter, however much of it there may seem to be from a human point of view, is a limited product of the third transformation, or astral plane, produced by combining astral atoms. There is only so much of it in existence, and thare is an end to it, somewhere. It was a deliberate creation by sentient beings, and as such will, eventually, disintegrate when the creative impetus and supporting energies shall have run out or have been removed.

On the other hand, for the amount of it in existence, it has spread itself over a lot of territory, and each atom occupies a lot of space without actually filling that space. It is both 'heavy' and complicated, without being dense.

Compared to other kinds of atoms, the chemical atom is a large, roomy, open-work affair, which, like the solar system, includes much space in its periphery. Also, like the solar system, its component parts are complicated and composed of a great number of fundamental units of primal-state matter.

That makes it 'heavy' in its own continuum -- the astral-chemical third transformation -- and heavy relative to an atom of any other transformation, if weight means number of fundamental primal-matter units taking part in any given working combination. Any other concept of weight is too much of a variable to make a good measuring-

stick on a universal scale. Considered by itself, according to that definition of weight, then, a chemical atom is the 'heaviest' kind of atom there is. And parenthetically, let it be said that we do not know, sense, or otherwise recognize all the possible chemical atoms. The chemical atoms we know are uncomplicated structures compared to large-scale 'primitive' chemical atoms from which they have been 'evolved' -- or rather, of which they are the disintegration products.

The catch is, you can't get a chemical atom off by itself, and the other kinds of matter existing in the area it occupies account for so many more fundamental matter-units than the chemical atom contains that the 'space' any given chemical atom occupies out-weighs it times over from the point of view of a universal observer.

Human beings are by no means universal observers. They observe only chemical atoms directly, under ordinary conditions, and make use of a few other kinds in their constitutional processes without being objectively aware of them, as has been pointed out in occult literature. Chemical matter tends to be pushed together in conglomerate lumps in eddies, whirlwinds, or vortices of more active combinations in its own and other transformation-series. Chemical observers tend to get an upside-down idea of weight, which is not the product of attraction it seems to them to be. Inhabitants of a tub of water in which floating objects were gathering at the center of an eddy might reason that the chips were attracted to one another if they couldn't sense the water.

Smaller, more rapidly moving combinations tend to shove the bigger, more inert combinations together, while they may whirl along the somewhat less complicated structures. A breeze that will hardly support a box-kite will carry off a thistledown or a feather. The chemical atom lattice-work tends to obstruct the flow of other combinations and primal-matter, and so chemical stuff drops out of the streams or is pushed aside. The same thing happens to similar structures in other transformations. There are planetary masses in all transformations.

There is little difference, from the human point of view, between space and matter in its primal state. Matter in its primal state is the densest stuff there is, by the bushel, that is, quantitatively. A given cubic area of it contains more fundamental units than a given cubic area of any of its combinations. The reasoning is simple, following the theory of transformations: combinations of primal matter units form transformation matter, and the limits of the mutual motion of numbers of those combinations define the periphery of the new unit of matter.

All such combinations move within the 'ocean' of primal matter--'the ocean of space'. Each successive combination of combinations, each further complication, with its increased sphere of mutual motion of its component parts occupies a larger area in that ocean than the preceding combination. In the third transformation this combining and spreading is carried to an extreme, and chemical matter is the

most complicated, the most spread-out, and therefore the least dense of all the kinds of matter with which human beings have any contact. No matter how dense it seems to other chemical matter, lead is a lacy lattice-work through which the space-winds blow.

A strong eddy, or vortex, or field, of the right kind of astral matter will accumulate and hold, at least temporarily, enough of the big, lazy, lacy chemical atoms to produce a phantom visible to chemically impeded eyes. A breeze will fly a box-kite, or feathers, or thistledown. A whirlwind will raise objects into the air and give them its form for as long as it can move with sufficient rapidity and organization to support them. An eddy, or vortex, or field, of any other kind of matter will do the same thing, but not so easily as an astral eddy -- which is not to say that materialization from the astral is as easy as an explanation can make it seem.

Because chemical and astral matter are rather more than fundamentally the same stuff, contact between them is relatively easy to effect. It depends upon little more than recognition of certain orders of magnitude. The 'veil' so often referred to and said to exist between the astral world and the chemical world, is, according to the theory of transformations, little more than a "size-gap" -- like, but by no means comparable in magnitude to, the size-gap between chemical atoms and the solar system. It constitutes a real barrier only so long as perception is turned and focussed in one direction or the other-- that is, either upon the astral 'side' of the gap, or upon the chemical 'side' of the gap. This is the 'river' the dead cross to reach what is literally the 'next world' in the continuum we inhabit -- that is, to which we fasten our focus of awareness.

Both kinds of third transformation matter, astral and chemical, are in use in the human constitution at all times during chemical incarnation. Anybody who can manage to become aware of, differentiate between, and respond to the impacts of both the re-combined (chemical) and un-recombined (astral) matter of the third transformation series has a talent for mediumship. By the same token, any dis-embodied (chemically) resident of the astral world who can make the same differentiation and response successfully has a talent for becoming a "control".

M. C.

July 13, 1949.

- WEATHER ABNORMALITIES - AND THE ATOMIC BOMB -

by

Edward S. Schultz

(Round Robin presents herewith an article of very grave import. It is a reproduction in condensed form of the content of a letter addressed to a well-known scientific monthly published in Washington, D.C., and returned by that publication with the advice that it should not be printed. The same material was submitted to about a dozen other papers and maga - zines, all of which ignored or rejected it under various pretexts, with the sole exception of FATE - which printed it in brief form in the issue for September 1949 (p. 90). The attitude adopted by the press, and by at least one prominent group of scientists toward this material is exceedingly curious, suggestive, and somewhat alarming, and hints at the censorship of powerful interests. But here, as in the case of our previous discussion of the fission of the proton, Round Robin cannot agree that public interest is served by suppression and concealment. We feel that we violate no law and no principle of public welfare in giving this matter such publicity as is possible for us).

TO THE EDITORS OF _____:

Your and your readers' attention is herein directed to a question vitally affecting the lives and interests of all human beings on the planet earth, and to the citizens of this country in particular. A question, and a proposed answer:

> COULD THE FIVE OR MORE ATOMIC BOMBS EXPLODED ON THIS PLANET UP TO THIS TIME BE THE BASIC CAUSE OF THE WORLD-WIDE VAGARIES AND SERIOUS ABNORMALITIES OF WEATHER AND CLIMATE, OF WHICH THE UNPRECEDENTED REVERSALS OF WEATHER PHENOMENA IN THIS COUNTRY ARE SUCH NOTEWORTHY EXAMPLES?

It is my well-considered theory, that atomic bomb explosions can be, and very likely are the fundamental though indirect cause of the wide-spread and apparently increasing cycles of upheavals of weather & possibly of climate in various parts of the world. Everyone is aware of the great droughts, heat waves, blizzards, cold spells, and great winds which have swept through parts of Europe. Such phenomena have been noted on practically every continent, and no one can be sure that the maximum stage has yet been reached or passed. What is the answer to this enigma?

Let me hasten to assert that I am in complete accord with scientific evidence and opinion that the atomic bomb explosions, as such and by themselves, could not and did not have any effect on weather, even in the vicinity of the explosion. Such explosions are relatively puny and could not have any direct effect on the meteorological forces of Nature.

However, it is my own theory that it is a far different matter if the role of the fission products of atomic bomb explosions is properly analyzed and considered in the light of radiative ionization of gases

in general and its effect on the oxygen content of the higher atmosphere in particular. Let us see what could happen in the above case, in terms of nuclear physics.

The highly radioactive and unstable fission products, or elements, split off in the atomic explosion of U-235, for example, first fission into the lighter elements Xenon and Strontium, and subsequently into a series of other elements, until they wind up as more or less stable elements. The primary fission releases from one to three neutrons for every atom of U-235 that is split, and the sum total of the fissioning happens almost instantly. However, the subsequent atomic adjustments of the fission product elements emit veritable storms or showers of Beta particles (negative electrons) and Gamma rays, which are akin to X-rays.

It is a well-known fact of nuclear physics that Beta and Gamma radiations have powerful ionizing effects on atoms in general and on some atoms in particular. This would be much enhanced by virtue of the great quantities and intensities of the above ionizing radiations and the fact that their emission from the fission products is spread out over a relatively long time. How could these phenomena affect natural laws governing weather and climate?

As we know, both the force of the atomic bomb explosion, and the intensely heated gases and fission products thereof, are quickly carried high into the upper atmosphere and dispersed therein. There, the ionizing effects of the fission products (Beta and Gamma) can freely & continuously react on such gases as prevail at such heights; but in this case their effect upon Oxygen should be particularly studied.

It is a well-known fact that in the upper atmosphere there is a more or less well defined layer or 'shell' of a modified form of Oxygen, i.e.,Ozone, which is continuously generated from ordinary Oxygen by the action of solar ultra-violet rays. And it is a widely known scientific fact that it is precisely this relatively thin 'shell' of Ozone around the earth (from 10 to 20 miles high, above sea level) that serves as a powerful absorber and modifier of solar energy or radiation. It serves, in fact, as a 'valve' for modifying and controlling the amount of solar energy we get from the sun, Anything, therefore, that would affect, modify, or disrupt the Oxygen-Ozone cycle would be practically certain to influence weather or climate, which depend largely on the amount of solar energy that is 'valved' through by the Ozone 'shell'. If the relatively weak ultra-violet radiations from the sun can create the Ozone layer and keep this cycle going, it is obvious that the far more potent radiations from the atomic bomb fission products, reaching this Ozone layer, would cause profound changes and disruptions of the Oxygen-Ozone valving cycle.

The question might be posed as to whether the atom bomb fission products might not become so evenly dispersed throughout the atmosphere, that it would be impossible for this phenomenon to create abnormalities of weather or climate in spot-areas of the world, as these appear to be concentrated in the western states of this country. The answer is, that there are several factors which could prevent such an even dispersion, but which would tend to vary concentrations

of the fission products from time to time and place to place. These might include 'trade winds' or currents in the upper air, effects of the daily rotation of the earth, seasonal changes, perhaps the effects of the earth's magnetic fields, etc., and the fact that the Ozone content of the solar energy governing Ozone layer varies with surface air pressure. Finally, it is known that the Ozone layer is thicker and lower at the poles than at the equator, and that the ozone content of the air is greatest in spring and least in summer.

If the above theory is correct - and there do not seem to be any logical arguments to the contrary, it is obvious that any atomic bombs exploded from now on would tend to increase the effect on the weather and/or climates of the earth. Furthermore, it must be remembered that such fission products or radioactive wastes as are daily released from atomic piles, anywhere in the world, would also serve to increase the effects explained above. In fact, because the creation of such wastes is continuous and cumulative, this source might in due time become equivalent to one or more atomic bomb explosions. And it can be readily seen that the role of the dispersed fission products (from atom bombs or Uranium reactors) in relation to the equilibrium of the Ozone 'shell', would be that of a disruptive, modifying or 'triggering' agent, subsequently influencing world weather and perhaps climatic conditions.

It is hoped that nuclear scientists, with far greater research facilities and spheres of action than this writer has at his command, will take over this avenue of study in behalf of corroborative end results. **

E.S.S.

- end -

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In place of any immediate commentary of our own, Round Robin quotes a dispatch (probably already seen by our readers) from Lisbon, Portugal, U.P., dated July 6, 1949:

"A sudden heat blast which lasted two minutes shot thermometers up to 158 degrees Fahrenheit on the Central Portugues coast today. Hundreds of persons were prostrated. Thousands of fish and fowl were killed by the freak blast. The phenomenon followed a hurricane which ripped thru Northern Portugal, smashing vineyards, olive groves and crops and flooding the Midandola area. Dispatches from the coast said the blast struck "like tongues of fire". It came as thousands of women jammed the market places. Many collapsed in the streets ... The fire-like wave went inland to Coimbra where similar scenes were reported. The Mondego River... dried up at several points. At one village thousands of fish died in the mud. The "normal" temperature today (6th) was 100. "

(So far as my own reading goes, I cannot recall any close parallel to this phenomenon of the heat blast. It is important to know whether any such record exists; BSRA members please note. The existance of a zone of extremely high temperature beyond the Ionosphere is a recent datum of great interest in connection with Mr. Schultz's article. Note too, that a 4th 'electrical shell', the G-layer (the others are E, F-1, & F-2) at a height of about 250 miles, was recently announced by Dr. Menzel of Harvard University Observatory).

(Continued next page)

ADDENDUM TO "WEATHER ABNORMALITIES AND THE ATOMIC BOMB:

As many of our readers know, the Editors of BSRA publication have for more than three years carried on experimental seances with a very gifted 'non-professional' medium, Mr. Mark Probert.* The Controls have during all this time shown themselves to be highly intelligent personalities, scholarly and well informed, and thoroughly honest and dependable. Transcripts of the seances have been issued as mimeographed booklets. The question raised by Mr. Schultz was not presented to them, but on July 17, 1949, the Control calling himself LaoTse volunteered a comment, which many of our readers will find interesting. It reads as follows:

LAOTSE: Now, this afternoon, due to the change in temperatures and the effects these changes have upon the boy (the medium), we will not stay too long. There are subtle changes going on in your atmosphere, and ahve been ever since you let loose that frightful weapon, the atom bomb. This is rapidly becoming noticeable all over the world. It is becoming less subtle, more forceful all the time,

Question: Could it become dangerous? (Reply by LaoTse): It is very likely to. The release of the Gamma and other rays upon the very thin shell of air that surrounds the earth - which is like the shell of an egg - it has broken through and changed atmospheric conditions.

Question: Can anything be done to combat it? (Reply): That I do not know. The same thing happens to your individual body when your aura is rent. Then great difficulties come upon you until you learn how to seal it. The same is true of the earth's aura until your scientists learn how to seal it. I know you will agree with me that we seldom mention such things in this group - we seldom bring in thoughts of disaster.... It is not so much a warning as to give you something to think about.

Question: How can this be told to those higher up in our government? Answer by LaoTse: They already know. They knew there would be som unusual effects but they did not know to what extent. They thought there would be enough absorbing effects upon these rays to prevent their penetrating into outer space.

Question: The explosion rent the other planes of consciousness too?

Answer: Yes, it did. I will ask you to excuse me. The blessings of the ONE upon you all. Good afternoon. *

From many considerations now at hand, it seems possible if not probable that the atom bomb WILL EVENTUALLY OUTLAW ITSELF. The evils following in its train affect all nations alike, and whether these effects will be comparatively slight or disasters of great magnitude, no living person can now predict. BUT ALL EXPERIMENTS (detonations) OF THESE BOMBS SHOULD BE RIGIDLY PROHIBITED until the damage already done can be evaluated and some reasonable forecast becomes possible. LaoTse at any rate says the effects 'are likely to become disastrous.'.

(* The Control is speaking through the medium, who is in deep trance).

THE IMPLICATIONS OF FIRE-IMMUNITY

by

Max Freedom Long, F.H.F.

It is high time that the subject of fire-immunity be taken out of the hands of the onlooking professors and scientists of the University of London Council for Psychical Investigation and given back to the fire-walkers.

In 1936, Harry Price tested Kuda Bux under these auspices, and gravely reported that this professional could take four rapid steps over wind-whipped coals with no burns, while two of the testing group were burned severely in taking a single step.

In 1938, a similar test was made under the same auspices and reported on by G. B. Brown. In this test the professional, Hussain, offered to provide immunity for others. Several walked. Most of them were blistered to a degree, including the man from India. One of the investigators proved that he could perform better than the professional. Mr. Brown made the report and gave it as the opinion of the Council that anyone could fire-walk without benefit of magic had he but courage to stride confidently across the live coals.

In neither case was there more than the most superficial study made of the philosophy or training of the professionals. And insofar as the "scientific world", as represented by our universities and scientific journals, was concerned, the only reaction was that of "I told you so" and of continual denial of the facts of all fire-immunity phenomena.

In the face of the facts, we are safe in deciding that the conclusions mentioned above are of as little value as are the mass of learned and authoritative opinions recently given to the effect that the flying saucers were "spots before the eyes" of the to-be-pitied individuals who have seen them.

Any investigation of fire-immunity and its implications must include all of the related phenomena if conclusions of the slightest value are to be reached. As we are now engaged, as Illuminists and not "scientists", in making a reapproach to the part of the psycho-religious field in which this subject rightly belongs, it would seem well to spread out the available materials of the investigation and examine them in their relation to other materials of a related kind.

TEMPERATURE CONTROL in psychic phenomena studies ranges from the production of cold to heat, and from immunity to cold to immunity to heat. It is not enough to test one without the other, any more than it would be to test an auto's ability to go forward but not backward, or up grade but not down grade. It is not enough for Harry Price or G. B. Brown to dismiss all possibility of supranormal psychic factors because a non-professional fire-walker boldly took four steps across the coals unburned. If we are to carry on investigations with-

out being applauded for a show of prejudice and childish thinking, we must also take into consideration the men who took one step and were badly burned. Even more important, we must give full and honest consideration to the strange fact that the soles of the feet of the fire-walkers are cooler after walking the hot coals or hot racks than before they started. This finding has repeatedly been noted in the reports, but, despite its obvious importance, has been hidden in the closet under a pile of obscure verbiage.

The savants write pompously that one may walk fire if one does so with speed, taking care that each foot is not in contact with the heated materials for more than a half-second, and then only for four steps - two times for each foot to rest on the hot "walk".

It is pointed out that more than two contacts with the coals in a matter of a few seconds will build up a cumulative amount of heat in the bottoms of the feet -- a fact that is easily verified by touching a hot electric light globe. Once is good, twice is not so good, and five times is a blister.

This excellent bit of explanation, sans magic, satisfies the unthinking but not the student who insists on knowing why, under comparable circumstances, the fire-walker emerges from the pit, often after taking more than the four allowed steps, or after keeping the feet longer than the permitted half-second on the hot stones, only to have the skin thermometer show that his soles are not a degree hotter -- to the contrary, they are often two or three degrees cooler.

The logic of the savants reminds one of the simple carpenter who had a simple son learning the trade. The son threw away half the nails, saying that the heads were on the wrong ends of them. With pontifical logic that would do full justice to the men who shape the opinion of the public in matters of fire-immunity, the father gently explained, "But, don't you see, Son, those nails you are throwing away are to drive into the other side of the house."*

God give us at least the sanity of fools in our investigations, if nothing more, and allow us to remember that there is another side to the house, as well as roof, cellar and veranda! If we are to have a look into the cellar as well as up at the roof, there is no possible way to prevent the evidence accumulated by psychic science from being introduced. The basic question of the verity of supranormal causes of temperature changes does not, on the one hand, demand that we determine the exact nature of the form of consciousness causing the changes, but, on the other hand, it does demand that any unusual and unexplained temperature changes be included in the study, whether they be found in the seance room or fire trench.

On the **COLD** side, we have the difficult-to-verify reports made by travelers, who tell stories of the native magicians of Tibet, and of their ability to keep themselves warm by the use of their psychic powers, perhaps coupled with physical actions -- despite exposure for long periods to bitter cold.

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* Credit: Building Material Merchant.

Better verified are the many reports of the presence of cold in the seance room. Ectoplasm has often been found to be much colder than the body of the medium from which it comes, and also colder than the room temperature. Cool to very cold breezes have been reported in seance rooms, some coming at the request of the sitters, and some without. Or a drop in room temperature may occur without either breeze or wind.

Dr. Nandor Fodor, in his Encyclopedia of Psychic Science, has a very excellent article on the subject of "Winds". Random quotations from the article follow:

> "Walter, the control of Margery, said that the cold breezes and the drop in temperature are the result of some psychic emanation from the sitters' brains. This emanation may be more or less profuse and it may affect the thermometer before being actually used for the phenomena. Walter found immense pleasure in using the thermometer as an indicator of the physical conditions confronting him. He said that he looked at it, and if it were steady, he used Margery alone; if it was going down he used the sitters' brains as well. If he used Margery alone, no cold breezes or drop of temperature were produced." (Note the suggestion here that additional force or its equivalent in some effect-producing something was to be had from larger numbers of brains.)
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> "These movements," (quoting from Crookes) "and indeed, I may say the same of every kind of phenomenon, are generally preceded by a peculiar cold air, sometimes amounting to a decided wind. I have had sheets of paper blown about by it, and a thermometer lowered by several degrees. On some occasions I have not detected any actual movement of the air, but the cold has been so intense that I could only compare it to that felt when the hand has been within a few inches of frozen mercury." (Note that from the heat of live coals to the cold of frozen mercury we have what should be a fair range of temperature changes for our studies.)
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> "In the experiments at the Castle of Millesimo with Marquis Centurione Scotto, Ernest Bozzano recorded: 'On the evening of July 7, 1928, the heat was oppressive. We happened to mention this disadvantage.' (A seance was being held.) 'Almost immediately blasts of unusually strong, icy air were felt by all of us. There was a continual change of the direction from which these air currents came; sometimes they descended from the ceiling, then we felt them in front of us, or at our sides, or blowing from behind us; sometimes they were like small whirlwinds. It felt as though several electric fans were working in the centre, outside and above the circle.' ..... In the next seance the phenomena were repeated and perfected: 'Almost immediately we felt strong blasts of icy air which rapidly increased in force, giving one the impression of a powerful supernormal electric fan which periodically wafted its pleasant,

cooling currents of air over the sitters.... The currents were so strong that our hair waved in the wind, and men's coats and the lace on the ladies' dresses were blown about.' ..... Not the slightest sound accompanied the production of this phenomenon. The breezes sometimes brought the temperature of the seance room down as much as 20 degrees." (It is interesting to note that in the article Dr. Fodor gives testimony from various investigators, some of whom found that the cold winds did not move paper or other light things, and some of whom report a great noise as of a tempest, as Lord Adare in a sitting with D. D. Home, wrote, "the moaning, rushing sound was the most weird thing I ever heard.... We also felt the wind strongly.")

"..... While apports were being produced, 'the sitters felt as if they were sitting up to their knees in cold water.'"

G. B. Brown, in making the report on Hussain's failure to firewalk successfully, and Adcock's success, using the same bed of coals, must be credited with one interesting suggestion. He suggested that there might be something in the mental attitude and in the resultant confident stride across the coals, that counted in favor of a successful demonstration. The Englishman, Adcock, after finding that he was not severely burned in his preliminary efforts to walk on the hot coals, became very confident. With his confidence came what seemed to be greater immunity.

We are now, and have been for some time, looking for two things in our study of fire-immunity or supernormal temperature control. We are first looking for the form of intelligence or consciousness, be it individualized or otherwise, which causes the movement of force or matter (etheric matter or dense); and, secondly, the mechanics of the phenomenon. If we can marshal facts and guesses sufficient for our needs we may eventually begin to get a clear understanding of these factors. And when and if we can, we will have made a great stride forward in our knowledge of the whole field.

One so often hears the question asked, "What good will it do even if we all learn to fire-walk?" For the person who wishes to make a very material gain from his approach to the psycho-religious studies, there is only the possibility that a new skill and understanding in fire-immunity may lead to skill in healing body, mind and circumstances as a secondary step. For the dyed-in-the-wool Illuminist, the chance of satisfying his curiosity is one goal and the chance of adding to the world's knowledge is another which is even greater.

In a recent article on fire-immunity in the healing practices of California Indians (see Desert Magazine, May, 1949; also reviewed in Bulletin IX of the Huna Research Associates) artist John Hilton gave the information that he had been told by his Indian friend that in order to be able to handle live coals, he should think of his hand as getting hotter and hotter until he could imagine it to be as hot as

the coals -- at which time the coals would not burn. Mr. Hilton tells of experimenting and being able to follow directions and handle coals with impunity. However, he was unable to take the live coals into his mouth as he had seen the Indian medicine men do in a rite which healed two ex-soldiers of mental illness. His instructor explained this failure by saying that for that part of the work he needed someone to "sing" (ritual chant and dance) for him.

In his simple statement of his own experiment and his verification of what he had been told, Mr. Hilton has probably served much better than he realizes. The implication of this disclosure that a mental state can actually produce a condition of fire-immunity, and (it is to be supposed) without the help of the spirits of the disembodied or of "gods", is something to cause the "Old China Hands" in the psycho-religious field to cheer loudly and long.

For years we have been searching for tools with which to begin the measuring and the use of the forces we have guessed to be at the beck and call of "mind" or consciousness. Dr. Rhine has invented a strange tool in the form of a machine to throw dice while the experimenter stood by and endeavored to use the "mind" to cause the dice to fall in desired ways. The evidence is that such a force can be exerted.

Artist Hilton's combination of red coal, hand, and mental action in imagining the hand brought to the same heat as the coal may be considered as another machine.

A most promising tool is to be found in the pendulum of the dowsers. A swinging pendulum is very sensitive to muscular movements too slight to be sensed by the person holding it. As yet, we cannot say whether control is exerted directly on the pendulum, or by way of the subconscious and the muscles, but because of its sensitivity, amazing results have been obtained. In fact, there seems almost no limit to the types of information to be had by the trained dowser who is well versed in the use of the "little bob on the end of a string." (Huna Research Associates have recently been conducting experiments in testing the resident and the artificially increased charges of vital force or mana. Bulletins IX and X, and to be covered in future Bulletins as the work progresses.)

It may be objected that the most spectacular form of such tools might be found in the seance room where apports and materialization are common. However -- and this is very important -- the tool or method-of-use which the investigator now needs is one NOT dependent on the consciousness of a "spirit". We have come to the point at which we wish to produce temperature control and related changes through the use of our own mental and physical forces and actions on the here-living side of life.

Nevertheless, it remains highly expedient to study the many reports on seance phenomena in which spirits are apparently behind the production of such things as apports, which in turn involve the radical control of temperature. Likewise, we cannot fail to examine the

kind of fire-walking in which protection from burns is attributed to "gods".

Already there has been much attention paid to the temperature changes thought to be involved in creating an apport. Dr. Fodor gives us an amazingly penetrating and clear analysis of this element in apporting. (Page 11,ff., Encyclopedia of Psychic Science.) Again let us examine quoted sections of his writings on the subject.

> "There are two theories on which the phenomena of apport may be brought within understanding. One is the fourth dimension, and the other -- now generally favored by spiritualists -- the disintegration and reintegration of apported objects. The former was first advocated by Professor Zollner to explain the phenomenon of interpenetration of matter which he observed with Henry Slade. It was approved by Lombroso and Flammarion and is at present (1933) endorsed by Whatley Smith in England, and Malcolm Bird in America. It means that there is a form of space of which we are not cognizant. The objects to be apported are lifted into this dimension, brought to the desired spot and then precipitated into our three-dimensional space much as we can lift out something which is enclosed in a circle and place it outside. For two-dimensional beings, that know only length and breadth and live on a plane, this act of ours would constitute a wonderful apport-phenomenon.
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> "The other theory was put forward in seance room communications. According to this, the spirits, by an act of will-power, disintegrate the matter to be transported into its molecular elements without altering the form. In this state the object may pass through the interstices of intervening matter and become re-integrated by a second act of will-power. Rene Sudre's construction that the medium's mind works upon a molecular scale, so that it can dematerialize and rematerialize objects at ordinary temperatures, amounts, in effect, to the same thing. This theory essentially means that there is another, to us unknown, aggregation of matter. Beyond the solid, liquid and gaseous states is a fourth, a fluidic state in which matter becomes invisible, impalpable and possesses, conjointly with an expansion of volume, greater molecular malleability. From various observations one would have to suppose that the state is one of inertia and that it requires strong thermo-dynamic efforts on the part of the operators to effect the return to the former solid state.
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> "If the disintegration theory is correct, in consonance with the law of the transmutation of energy, a thermic reaction should be looked for. It appears indeed to be a fact that such a reaction exists. Stone and metallic apports, especially bigger objects, are burning or scorching hot on arrival. This sudden increase of heat was often noticed by

Professor Zollner in the passage of matter through matter." (As in unlinking and relinking a series of links in a welded chain.) "Some objects nevertheless are found cold. In answer, the invisible operators replied that they sometimes prefer to disintegrate a portion of the wood of the door or part of the ceiling to facilitate the entrance of the object in its original state. One would have to suppose that this is the procedure employed when living things are brought in. The problem, however, is not quite settled. Some spirit operators do not claim unobstructed passage of matter through matter. They say a fissure, or a crack is required for a dematerialized object to pass through. Dr. Ochorowitz received this explanation through Mlle. Tomczyk. It is very significant that the apport of a key was described by her as something long and whitish. It did not become a key with its peculiar color and shape until it dropped. She also stated in trance that metals become hot because of the friction of the particles in contracting it again. Paper, leather or wood are not sensibly heated, because they are not so hard and dense.

"If the apport of living things is a fact, human beings should not form an exception. The phenomenon, astounding as it is, has often been recorded. It is dealt with under the heading Transportation.

"The dematerialization of living organisms at first sight offers perplexing features. The difficulty, however, is less if we consider that in all cases of transportation the medium is first entranced. In this state the spirit, in the form of the double, may separate and the body may be reduced to a comparatively inanimate object." (Note: In my book reporting my investigation of the ancient Huna system of the Polynesian kahunas, I have covered this and similar theories and enlarged upon them considerably by adding the aka or invisible mold of the physical body to the picture, and the use of the forces or mana-s by entities of the next higher level of consciousness who supposedly are able to bring about the changes under discussion and also control temperatures. See THE SECRET SCIENCE BEHIND MIRACLES - Part One.)

Apports of blocks of ice and of hot tea, hot sad-irons and eggs frying in a skillet, have been reported, showing that whatever changes may have been made in the apporting, the original state was preserved both as to form and temperature.

THE CONSCIOUSNESS which guides these complicated operations would look, on first glance, to be entirely and utterly superior to our own on this level of existence. In a very extended study of this part of the field the statement given by John Hilton as coming from his In-

dian friend, concerning the power of mind to think heat into the hand so that a coal could be handled, is almost the first that suggests that the conscious-subconscious combination of "mind" in man may have definite power to control temperature; or, if not to control temperature directly, to control in some way the flesh which might otherwise be burned in the fire-handling.

A small degree of fire-immunity, using lighted candles and matches held under the fingers, has been demonstrated in the Huna experimental work, and it appears that practice in this art improves the ability of the individual to some extent.

In recent years, what with the atomic energy findings, there is a tendency to come back to the idea that the rate of vibration of objects may be manipulated, and in this way their temperature and bulk as well as physical state (in terms of constituent basic parts and forces as well as form -- the form being considered as a definite entity having an existence in some way independent of the expanded or contracted state of the matter which normally fills the mold) may be controlled.

Many of the theories which have been pressed into service because of the lack of definite information, rest on the insecure ground of analogy, as can be seen in the illustration of the circle and the two-dimensional plane in explaining the fourth dimension. Our approach must be circumspect and careful at all times.

The vibration-change theory may rest on substantial ground, and it may well be possible to change the vibration of the material of a hand in some way so that it approximates the heat vibration of the coal which is to be handled, but it would seem that this is too simple an explanation. It is all too evident that, whatever change has been made in the hand, it has not actually risen in temperature to equal the red heat of the live coal. Something else has happened. One may guess that there is formed some invisible etheric or ectoplasmic layer over the hand that acts as an insulator. But, once the guessing starts, the end is hard to see, and the chance of making a correct guess is slight indeed. Even should the right guess be made, there is no criterion by which to judge that it is or is not right.

The materials for study in this field have been very slow to grow. John Hilton's findings via his Indian fire-handling friends, may be counted as one of the greatest additions of the past two decades.

A second set of findings are in process of tabulation and study at this time. Charles W. Kenn, a Huna Research Associate and resident of Hawaii, has partially completed an investigation of fire-walking on very hot rocks. Four public performances were given in Honolulu earlier this year (1949), and some 567 people walked the very hot rocks with an average of nine steps, under the protection furnished by the native fire-walking master of ceremonies from down Tahiti way. Of the 567 who performed the "walk", several were burned, some very badly, some only slightly. The fact that some were badly

burned may be taken to show that the rocks were burning hot, and that some factor was lacking in the cases where burns were suffered.

The most important part of Mr. Kenn's investigation was not the use of instruments to measure the temperature of the stones or of stop-watches to measure the length of time feet rested on the stones in the walking. It was that he proceeded at the expense of much effort and patience, to say nothing of personal expense of time and money, to win over the fire-walker and finally to get him to initiate him into the art after making him his adopted son.

For the first time, in so far as is generally known, a study of fire-walking was made from the inside, from the angle of the performer himself instead of only from the angle of the spectator. A small book is in preparation which will present the inside of the matter. Although Mr. Kenn was forbidden to make public the chants and prayers which were taught to him as a part of his training in the art, he was able to find in old writings a set of prayers and chants that were so nearly identical that they will give us the correct impression of what they contain in all respects.

We will have the history of fire-walking in Polynesia, its sources, and the philosophy behind its beliefs and practices. We will be told of the "gods" who are invoked, of their supposed nature and identities, and of the meaning of the rites and the necessities for various steps in the initiation into fire-walking.

While the written report is still in work at this writing and while opportunity has not been had for more than a brief scanning of the findings, the strange and difficult-to-grasp intimations which leap out at one open new avenues of thought and speculation. From the first quick glance at the carefully assembled material, it has become almost shockingly evident that there have been things hidden behind the old veils of secrecy that would be incredible and quite unacceptable to the modern mind were it not for the fact that one is confronted by the proof of the fire-walk itself.

A new orientation seems to be demanded, a new point of view, and perhaps a new turn of mind from the psychological angle. To follow up this new and startling avenue of approach, Mr. Kenn will go next winter to spend some months with his foster-father in his South Sea island home, and spend his time "absorbing" the old psychology as well as searching out any additional material which may be available on healing methods.

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ANOTHER IMPLICATION of the phenomenon of temperature control by non-physical means is that OTHER states or conditions of matter may be caused to change in the same manner -- whatever that "manner" may turn out to be when we come to understand it exactly.

Objects of various materials, under ordinary circumstances, have a definite way in which they share their temperature. If they are hot, they give some of their heat to things that come into contact

with them. Or they may radiate the heat. If the objects are very cold, they draw heat from surrounding things and become warmer.

Electrical charges are shared in a rather similar way. In both cases there is a long range of difference in the conductivity of insulating properties of materials.

Heat may be controlled by physical means, such as the application of one heated object or of flame to another object, or by the radiation of heat or through friction, or through expanding and contracting, or applying electrical force greater than the natural conductivity of the material will welcome, or through chemical or other actions. This we know. And, it is logical to believe, we may be permitted to guess that if a non-physical something will control heat in an object which can be heated in the various ways, the CONTROL of these various heating methods should also be possible.

This brings us face to face with the concept that force, in one guise or another, causes all changes in matter that may result in the production of heat, electricity, light, or motion. There are many other ramifications when this approach is made, but we need not be physicists to make our approach.

We are accustomed to look for the force which causes change, and in making our study of fire-immunity and its implications, we find that there a re two major sources of information concerning a kind of force which is needed to help us explain our temperature control by non-physical means. The first source is psychic science, and the second is to be found by careful sorting of the psycho-religions. In the latter we find our most satisfactory study opportunities in the ancient Huna system of Early Egypt and later North African and Polynesian peoples.

In Huna we find, preserved in the words used by the native priests of yesterday, clear evidence of a concept in which we moderns are left a step behind.

Modern thinking inclines to the view that force is the basic thing, and that all matter is nothing more or less than force held in some invisible mold or pattern. Light and heat and motion are a part and parcel of the "matter", and we are assured that if the temperature of a material were reduced to nothing, the action of force would cease and the material vanish. What we lack is the knowledge of what causes force to follow patterns and assume forms which build up from electrons to mountains and a universe, all seemingly ordered and perfectly controlled by the missing ingredient.

In Huna we find surprising concepts, considering the "savage" condition of the ancient peoples who invented the language and secreted their findings in their words and symbols -- later setting up a fine set of religious and magical observances to enforce the custom of keeping ancient historical recitals true to the originals in every word and intonation. This resulted in the passage of time leaving the original words sufficiently intact to enable us to dig out the early concepts.

In the word for "matter", mea, we find the idea of all matter, whether it be solid, liquid or gas, or of the substance of the shadowy body (aka) or "etheric double". From the roots and variations in meaning we find that they looked on matter as being created by an action of consciousness (the word means "to say, do or act" and this gives us the symbolic meaning of "create" as in the Christian Bible, where much stress is placed on "The Word" - "..... was with God and was God,") and that all matter was, therefore, alive because it contained an element of consciousness.

We also find in the Huna lore the belief that all matter contained an ingredient of force (mana) commensurate with its form or nature, and that when the form or mold shaping a unit of matter was changed, the matter took form to fit. The union of force and consciousness in matter produced life. The root ea in the word for matter, mea, means "the life essence, spirit, life itself." (Alexander Dictionary)

The Huna word for "thought" is manao, which translates "of force", literally, and shows that the kahunas believed that the unit of consciousness or "self" used force to think. And the result of thinking was a material product or creation, as we see in the idea of thoughts being created to act as the symbolic "seeds" of future acts or circumstances. To tie this idea closely in with the idea of "matter" in general, we find that mea (for matter) also means the substance of any circumstance or condition.

In the word mana-wa ("space or time separating things") we see the indication that our modern "time-space complex" was anticipated thousands of years ago and bettered by adding the elements of force and consciousness, so that all time and space exist only in relation to the movement of force directed by the consciousness. The root wa has two significant meanings, (1) "A space between two objects or a time between two events," and (2), "to think or reason."

From the Huna point of view the problem begins to take on new twists and turns as we think of such things as temperature control as possibly being brought about by an action of consciousness and a use of force in which the hot object is acted upon directly and NOT thru the manipulation of secondary objects which may have an effect on the temperature content by means of insulation, radiation, induction, etc.

We begin to glimpse -- even if dimly as yet -- the possibility that matter is not fixed and set, but that it may be created by direct action of consciousness on force.

We may learn that there are three forms of consciousness in man and three levels of force -- as Huna seems to teach. In any event, it begins to appear that we have had the cart before the horse and that it is high time that we try putting FORCE before MATTER, and setting CONSCIOUSNESS in the driver's seat.

The reluctant and almost frightened statements of our Prices and Browns concerning single tests of fire-walking take their proper places in the picture when the vast spread of the canvas is brought into proper perspective.

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REVIEW OF FIRE-MAGIC ARTICLE BY JOHN HILTON IN "DESERT MAGAZINE" *

In the May, 1949, issue of THE DESERT MAGAZINE (address Palm Desert, Calif., 50¢ copy; year's subscription, $3.50), is the article, "Black Magic of the Cahuilla," by artist and desert authority, John Hilton. It is illustrated by three fine photos, one of the chief medicine man in his ceremonial cape of owl feathers and with a special head-band, one of the night ceremony with the glowing log in the center of the Indian gathering, and one of the exterior of the crude thatch ceremonial house. The introduction reads:

> "Among all the Indians of the desert Southwest, the most secure economically are the members of the Mission tribe of Cahuilla living in Coachella Valley of California. Paradoxically, although these Indians derive their wealth from and are in constant association with a large population of Anglo-Americans, their ancient tribal customs and religion remain virtually a closed book to the public. Yet they do have a religion -- a very potent ritual, you will agree, when you read John Hilton's story of their white and black magic."

Hilton, long a trusted friend of these Indians, describes a ceremony held at night for the purpose of freeing two young men of the tribe from war psychoses taking the form of continual nightmares of battle. Both had been through the worst of the actions in the Pacific. Government doctors had failed to help them.

The medicine man said that the boys had become "victims of newly released spirits from some enemy they had killed. These spirits had clamped onto their souls and were determined to live with them and torture them the rest of their lives." They were removed and sent on to the spirit world where they could do no more harm.

The healing ritual began in the afternoon with a ceremonial feast, well attended, with a few invited white friends (never open to the public). The place was at a secret ceremonial house hidden in the brush. After dark there was dancing and chanting -- stomping and grunting -- and the cleansing of the place by brushings and wavings of the owl feathers used by the medicine man. The fire was also cleansed as well as the patients. A number of the chanted "songs" were "sung". Red coals from the fire were handled freely. One was taken into the mouth by the medicine man and, drawing breath through the nose and blowing from the mouth, he sent out streams of sparks. Three coals were thus used, until blackened. (Hilton was told that handling red coals was "easy" if one first thought of his hand as getting hotter and hotter until hotter than the fire, after which coals could be handled without burns. He later tried this and found that it worked for him, but when he tried to put the coals in his mouth, the magic failed. His Indian friend explained the failure by saying, "Nobody sang. You can't eat fire without singing." He was told that in the fire-eating the coals taste "just like ice cream -- but be sure don't breathe air in through mouth!")

After holding the brush of owl's feathers over the fire and brushing both patients repeatedly, especially about the head and shoulders, the medicine man took them in turn, blowing into the patient's mouth, nostrils and ears, then sucking at a point between the eyes, and removing his mouth with a loud smack to spit out what appeared to be a wiggling white worm -- which was thrown into the fire. When this had been repeated for both patients, they were again brushed with the feathers while they remained kneeling. A short speech was made to them, and the cure was complete. "They slept well that night and have not been bothered since," writes Mr. Hilton. "Call it what you may, psychology, hypnotism, suggestion, black magic or white, whatever it was -- it worked! Army and Navy hospitals are full of patients today suffering from the same mental ailments which neither medicine nor psychology have been able to cure."

* (From Bulletin IX, Huna Research Associates, by Max Freedom Long.)

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NEWS FROM THE)
"KOCH CONVENTION") A note from Dr. Wendell G. Hendricks of Bakersfield gives us several items of much interest to all those concerned with the Koch treatment. Dr. Hendricks presented a paper to the Detroit gathering of over a hundred doctors from various parts of the United States and Canada. There were many speakers, including Dr. Kannell from Indiana, who cited 75% recovery in cancer cases treated with the Koch catalyst; and Dr. Baldor of Florida, who maintains his own sanitarium, and who cited over 1700 cases of tuberculosis treated by the Koch method with outstanding success.

Dr. Hendrick's own paper dealt with the Koch treatment of allergy and infections, and gave statistics of over 1800 cases treated, with an average of 85% recovery. Thes diseases included asthma, hay fever, eczema, arthritis and other rheumatic diseases, undulant fever, San Joaquin fever, malaria, rheumatic fever, infantile paralysis, sinusitis, tonsillitis, bronchitis, kidney disease, liver and gall bladder diseases, peptic ulcer, coronary heart disease, goitre and prostate diseases.

"There was no official action taken regarding fees, as doctors practise under such differing circumstances of overhead, etc. However it was the consensus of opinion that cancer cases should be charged $300.00 for the examination, the injection of the catalyst, and after care for six months. All other chronic cases, $75 to $100 for the examination and Koch injection, depedning on what tests are indicated. Cancer cases require much attention, allergies and chronic infections respond more quickly as a rule. I WOULD LIKE TO EMPHASIZE THE FACT THAT THE KOCH TREATMENT IS EFFECTIVE IN MANY CONDITIONS OTHER THAN CANCER, AND BY TREATING THESE THE PATIENT IS IMMUNIZING HIMSELF AGAINST CANCER, WHICH IS THE END-RESULT OF ALL DISEASES."

- ALLERGY AND THE KOCH TREATMENT -

(Excerpts from a pamphlet by Wendell G. Hendricks, Physician and Surgeon: 501 California Ave.,Bakersfield, Calif.)

Allergy is defined by Dorland as a "condition of unusual or exaggerated specific susceptibility to a substance which is harmless in similar amounts for the majority of members of the same species."

(The section on ETIOLOGY - PHYSIOLOGIC AND CHEMICAL FACTORS is here omitted, except for the last paragraph, which reads:

From the foregoing it may be concluded that allergy is present in inverse proportion to the amount of oxidation being produced within the body cells. When toxic substances accumulate in the blood and interfere with oxidation, allergin diseases are sure to abound. The toxic substances - whether they be otherwise normal body constituents or adsorbed poisons - may be regarded as negative catalysts because they retard the oxidation mechanism.

(The sources of these negative catalysts are then itemized as follows:)

Meat, fish, eggs, poultry, skim milk, cheese, (by putrefaction in the colon), nuts, coffee, tea, chocolate, condiments, spices and certain tropical fruits and their skins, which inactivate the catalase of the intestinal mucosa, and thus remove protection against poisons. Periods of negative catalysis also result from (1) exhaustion through overwork, exposure to cold, fear, hunger, pain, rage, the action of local infection, endocrin inbalance, and avitaminosis; and (2) use of alcohol, tobacco, narcotics, local and general anaesthetics, cosmetics, coal tar preparations, bismuth, mercury, aluminum, tin, petroleum, bromides, barbiturates, salicylates, and other drugs which require more catalyst to mediate oxidation than they produce.

The pathologic changes in tissues due to suboxidation are directly connected with functional disturbances through the autonomic (vegetative) nervous system in correlation with the endocrine glands, which conserve or stimulate fuel or oxygen usage and vice versa.

(The paragraph entitled HEREDITARY FACTORS is here omitted).

CLASSICAL AND ASSOCIATED SYMPTOMS: Ordinarily the term allergy brings to mind a group of recognized conditions, such as asthma, hay fever, exzema,hives, migraine, and angioneurotic edema. The time has arrived, however, when we must broaden our scope of knowledge of allergic conditions, as allergy strikes at any and all parts of the body, and simulates many other diseases.

Other symptoms which may have an allergy basis are: migraine, sinusitis, chronic cough, anorexia, malaise, vertigo, low blood pressure and muscular fatigue (due to hypoadrenalism) palpitation of heart, gastro-intestinal disturbances (including "gas" , belching, gastritis, nausea, vomiting, constipation, diarrhea, and pain simulating appendi-

citis, peptic ulcer or gall-bladder disease), rheumatic pains (including lumbago, neuralgia, neuritis, myalgia, arthritis), pelvic disturbances (including scanty menses, pelvic pain, and uterine polyps); various neurovascular symptoms (including"nervousness", hot flashes, excessive sweating, chills, "jitters", numbness, and tingling sensations).

TREATMENT:

Success in the treatment of allergic disease depends entirely on the degree of success obtained in establishing a vigorous oxidation mechanism within the body. When such oxidation is established the offending substance causing the allergy is removed, no matter what its origin may be.

It is necessary not only to promote a positive catalysis but also to prevent the introduction or accumulation of negative catalysts,or toxic metabolites, within the body.

Although the major part of treatment is the same in all types of allergy, each individual case has its peculiarities which sometimes demand special attention. These are usually met as they arise. The primary problem is not merely to allay symptoms nor to treat one or more definite allergic manifestations of which the patient complains, but rather to bring about cure by removing the cause of allergy.

The following routine is recommended: (1) At the very outset remove all foci of infection where possible, including infected teeth, tonsils, infected sinuses. Employ anesthetics, and surgery where indicated, at beginning of treatment only, as later use of anaesthetics will hamper the treatment. (2) Routine laboratory work should be done in each case: Wasserman, urine analysis, blood count, blood sedimentation rate, etc. Blood chemistry, X-rays, sputum tests, andbiopsies when indicated. (3) Eliminate from diet all animal proteins and other foods capable of producing allergy; substitute fresh vegetables, fruits and whole grain cereals. (4) Avoid tobacco, alcohol, chemicals and drugs listed under sources of negative catalysts. (5) Ban the use of foods commercially canned in tin and those cooked in aluminum utensils. (6) Use distilled water for drinking and cooking unless chemically pure water can be otherwise obtained. (7) Supply the body with all deficient vitamines and minerals. Also glandular extracts when indicated. (8)Promote adequate bowel elimination by enemata, colonics, milk of magnesia, olive oil or bile salts. (No liquid petrolatum). (9) Correct all environmental difficulties and emotional disturbances. Remove all possible antagonizing influences and attempt to restore a satisfactory mental outlook. Secure adequate rest and warmth. (10) Manipulation is valuable in many cases, giving special attention to the endocrine glands and the autonomic nervous system. (11) Administer a Koch treatment to all cases of allergy regardless of the area of the body affected, to produce a vigorous oxidative process, remove all offending toxic metabolites and burn up all allergic substances within the body.

THE KOCH TREATMENT: The Koch treatment is a harmless synthetically prepared substance which is injected hypodermically. It is a very unstable product, difficult in its preparation, and utmost care must be exercised in its administration. It is believed that the active agent

normally exists in certain organs of the healthy body, and that tissues that are deficient in it are susceptible to the action of disease toxins.

The Koch injection helps the diseased body to restore its normal immunity and oxidize allergy and cancer producing poisions to harmless structures, and thus correct the very cuase of disease. Its purpose is not to destroy a disease tissue or even a germ, but rather to restore the normal functions of the body to such a high degree that neither disease nor disease-producing germs can exist there.

Each case which undergoes treatment is a distinct problem unto it - self. Altho the general scheme of heredity, disease progress, and the recovery process show conformity in their characteristics, each patient must be studied individually, and the treatment applied with due con - sideration for the particular features in each case. The element of cooperation is important and no patient should take the Koch treatment unless he is willing to give full cooperation to the doctor in charge.. After taking the treatment he should not follow the advice of friends unless this advice conforms to what is outlined for him by his physician. More dangerous is it, indeed, to follow the advice of some well-meaning physician who neither understands this treatment nor has all the data on the case. *

The time required for recovery varies greatly with different pa - tients. The more acute the disease the quicker the recovery, and con- versely the more chronic the disease the slower the recovery.

The recovery process is cyclical and the periodicity is expressed in units which are divisible by three, whether they be hours, weeks, or months. Each cycle is composed of two phases; a positive phase in which the patient feels better and realizes him improvement; and a nega- tive phase wherein there is a temporary aggravation of his symptoms, or a reaction of chills and fever. When these reactions occur they are not only harmless, but are beneficial to the patient.

It is difficult for the average person to understand how a single injection can continue its action over weeks or months, and that this method of administration is preferable to the usual practise of fre- quent injections. However when the chemistry of the Koch treatment is understood and the Koch philosophy comprehended, it is not difficult to see that the recovery process is an automatic affair within the body and it is only necessary to start the process in motion, except when some factor has arisen to deplete or destroy the catalyst. The time for repetition is important; usually the 27th day, or the 9th, 12th, 24th, 27th, 36th, 48th, or 60th week are the best periods.

Patients who benefit from this treatment owe a duty not only to this effort but to all advances in medicine; it is up to the laity to encourage real progress and to insist on the suspension of obsolete unsuccessful practises.

(This pamphlet concludes with seven illustrative case histories, not here reproduced.

(* We wish to draw special attention to the sentence marked with the asterisk. The ignorance and inertia of many doctors account for a considerable percentage of such failures as the Koch therapy as en- countered). ML.

EXPLANATION) from WICHITA)

DEFENDER PUBLISHERS include the following in a circular letter of information:

"Nothing in the history of our work has caused us greater anxiety than the delay in filling orders for "THE BIRTH OF A SCIENCE." We have done everything in our power to speed up delivery. The first edition was exhausted in a short time. Difficulties, the like of which we have never known with any other book* were encountered in producing the new edition ... When the second printing came from the press it was found to be defective due to a printer's error, no copies could be sent out and we were literally sick at heart. But NOW WE HAVE POSITIVE ASSURANCE THAT A SUPPLY OF PERFECT BOOKS WILL REACH US NEXT SATURDAY MORNING (June 25). Your orders will be filled immediately. This is one of the most important books ever to come from a printing press ... The same price continues; one copy, $1.00; 50 copies, $45.00. Address DEFENDER PUBLISHERS, WICHITA, KANSAS."

(* The underscoring is ours: we can expect the appearance of unheard of difficulties, in view of the powerful and unscrupulous interests which would stop at nothing to prevent the publishing and distribution of this book. And $1.00 is less than cost of publication. Buy two or more copies, or circulate your own. (Retailers, however, having no discount below the rates quoted, will have to ask more - probably $1.50).

NAMES AND ADDRESSES)

Our information is, that more than 1500 physicians in the United States are now using the Koch treatment. BSRA and Round Robin do NOT have a list of these names, though at times (and especially for the west coast) we can give some helpful information. Inquirers should address the CHRISTIAN MEDICAL RESEARCH LEAGUE - 14344 East Jefferson, Detroit 15, Mich., for names of qualified physicians in any given locality.

PLEASE NOTE: In making inquiries of the CMR League, be both brief and specific. Give name of patient, nature of the illness, his or her full address, name of the physician in charge (if possible), your own name and street address, enclose a stamped and addressed envelope, or stamps.

Round Robin cannot give medical advice in any form. But we call attention to the fact that all treatment by irradiation (radium and/or X-ray) is regarded as prejudicial to the success of the Koch treatment, and if such treatment has been recent the physician may refuse to use the Koch therapy at all. Everyone afflicted with cancer or any other disease, for which radium or X-ray is employed, should be immediately advised of this fact. Do not overlook this point, if you wish to help in this all-important work.

We believe that nearly all doctors now offering the Koch treatment are humane and honorable men; nevertheless some instances have already come to light of most outrageous over-charges. We propose to keep a record of all such instances, and to make use of it - and hence request our readers to cooperate by giving us accurate information about services and fees under the Koch treatment.

(M.L.)

"QUACKS CAN KILL YOU"

The quoted title opposite heads an article in the July issue of Science Digest, by Georg Mann. The author holds forth in the familiar style of the garbage collecting criticism; sweep-up and throw-out anything you don't approve of personally. He pays brief disrespect to the "spectro-chrome", the "sinuotherm", the "cosmo-light", vapor baths, a "health applicator", "calodine", "vrilium", the "cement disc" of recent notoriety, the Kaadt diabetes cure, the ideas of Albert Abrams (father of modern electronic medicine), alleged cancer cures, and "the Detroit man who grosses $100,000 a year on glyoxilide...plenty of glyoxilide available at $300 an ounce; it's an internal hydride of gloxylic acid - but even a chemist can't tell you what that is."

It's almost too obvious to mention, of course, but this is the cheapest and nastiest way to damn a good product or a worthy cause. The glyoxilide treatment, for example; there are some 1500 reputable physicians using this; this month they meet in convention at Detroit. It has been known for some 15 years as a genuine cure for cancer and allied allergies, and is credited with some 500,000 cures. It is known and used (often under other names) in Europe, South America, and Asia. The U.S. Government, with the active cooperation of the American Medical Association, tried through two long and costly trials to disprove the claims of its discoverer - and failed to make the indictments stick. The "Detroit man" is at present in a foreign country and greatly honored by its government, which has furnished him with a magnificent hospital and every inducement to stay where he is appreciated. Nor does it occur to Mr. Georg Mann or "Science" Digest to note that some of the most brilliant discoveries of modern medical chemistry lie back of this glyoxilide treatment, or that the vicious campaign against it may just possibly be motivated by threatened loss of loot. "It costs $6000 to die of cancer in the U.S.", there are about one million cancer cases at present - and how much is 6000 x 1,000,000 in terms of dollars? This, mind you, is a permanent back-log of the medical profession and the drug interests. Add malaria, tuberculosis, asthma, heart ailments, arthritis, rheumatism, all the allied allergies of cancer - that is, add the revenues derived from their treatment to your 6000 x 1,000,000 - add too, the paltry 2-3,000,000$ raised by the "cancer fund drive" - and consider whether there be any form of human viciousness which cannot be stirred into action by such unlimited plundering. Here is a cancer remedy which is efficient, cheaply produced, not involving surgery, often not even requiring hospitalization, rapid in action, based on sound science, painless, moderate in cost, marvellously effective too in nearly all the chief 'killer' diseases, with hundreds of thousands of case histories in its support, thousands of them documented by sworn testimony in the courts - a wonderful benefaction, too, to the cattle and dairy interests (since it works like magic on 'incurable' animal diseases) - here, we say, is this modern miracle, but little known (comparatively speaking), little used in the U.S., bitterly fought for two decades by the 'inner ring' of organized medicine, neglected or derided by perhaps three-fourths of the doctors (along with at least two other very effective cancer treatments) - and derided by ignorant and moronic magazine writers - swept up, figuratively speaking, and thrown into the dust bin along with trash, and always the words trash and quackery being defined as something the A.M.A. does NOT approve of. The wolf, like the dog, has his day - but a day-of-reckoning also, later on.

ONE MAN'S COMMENTS ON HUNA

by

Elbert Claypool

1. It has been stated in the Huna writings, but needs to be emphasized and re-emphasized, that telepathy is not just a "gift" of the chosen few, but is a function inherent in all humans and one which all humans use constantly without being conscious of it (and frequently to their detriment in the realization of fear images, etc.)

2. By its definition and basic functions, telepathy is independent of any language, written or unwritten. When it so happens that messages are sent and received in language (any language, that is), by definition again, a system of double translation is involved in which the sender must translate his language into impressions and images (thought form clusters) for the transmission -- and in which the receiver must in turn re-translate the images and impressions (thought form clusters) into his language. Here then are two possible sources of mistakes and confusion; and when we add to them the probability of imperfect sending and imperfect receiving, we have four major points at which telepathy can go haywire, but doesn't have to. And it can readily be seen that simple mathematical probability demands extensive practice before an occasional accurate transmission can be effected.

It would also be well to point out that the sender and the receiver do not necessarily have to speak the same language.

3. It is correct to say that the proper method of approaching the study of Huna work is through the development of telepathy, through constant but not hectic or over-anxious practice.

4. A most important Huna secret has been overlooked in searching out the many details involved, and that is that the intelligences and personalities of former Kahunas who have passed from physical incarnation years and perhaps centuries ago can be contacted by telepathy. And by that is meant broad-daylight, fully conscious telepathy with no hint whatsoever of trance mediumship.

It will be found that these intelligences are keener and the personalities are more wholesome than any which one is likely to meet in present physical incarnation. This is by no means to say that it is impossible to find such persons in physical incarnation, but merely that one is not likely to do so.

5. Another of the Huna secrets not heretofore emphasized is that, because the human being is a very complex organization and no two persons are exactly alike, when one is handling the more powerful forces of nature, these differences are more pronounced -- so that the situation adds up to the simple statement that, in effecting the same ends, no two Kahunas could ever use precisely the same methods. They would be similar, yes, but never exactly the same.

A necessary corollary of this statement is that every full-fledged Kahuna made his own chants for his own purposes, and that these self-

same chants would not necessarily "work" for anyone else. This will explain why many differing death-prayers, fire-walking prayers, etc., have been handed down. This was done by laymen memorizing the chants used publicly, and possibly by Kahuna apprentices who never got far enough in the work to make their own variations on their teacher's rituals.

6. Another Huna Secret is that the chants were helpful but not necessary to the use of Huna Powers. They were useful in mass-psychology when working before a group and in the education of apprentices; however, many Kahunas did remarkable things in silence or nearly so.

7. The above paragraphs add up to the following instructions for those who are interested in working with Huna Methods and Powers. One must very quietly and consistently practise to contact previous Kahunas by fully conscious telepathy -- and one must prepare thought-form clusters which ask for instructions as to how to achieve certain Huna ends with the psychic, mental and emotional organization which one possesses as of now. It would be well to remark here that any preconceived notions as to what instructions one is to receive will most likely prevent those instructions from coming through, or at least warp the proper interpretation of one's telepathic impressions.

8. One will most likely find that it was a wise provision of the old Huna civilization that the Kahunas lived apart in small huts and were supported by the people whom they served -- because one will be finding that, properly done, Kahuna Work in any of its specializations is a full-time activity, and that our present hectic industrial civilization does not offer sufficient opportunity, to most of us, to fully utilize the Huna methods and Powers. This is especially true of weather and climate control. And it is obvious that a large part of a weather Kahuna's energies must be used in neutralizing the tremendous hodge-podge of desires and fear images of the general population. Most of these wishes cancel themselves out, but there still remains a mass of 'psychic weather' which wouldn't be there in a more enlightened age.

- end -

Comment by Max Freedom Long * Mr. Claypool's article is excellent evidence of the thought being put on HUNA problems by Illuminists. The suggestion that a Kahuna of old days might be contacted telepathically is intriguing in the extreme. The problem would be to get an aka thread of contact established between the spirit Kahuna and the living operator. According to Huna beliefs one must first make contact with another entity and automatically fasten to him a bit of the astral or aka body, which pulls out into an enduring and invisible thread along which a flow of vital force can carry thought forms and telepathic interchange. It is greatly to be hoped that some talented Illuminist will eventually be able to establish such contact and get the exact information needed for successful instant healing.

TELEPATHIC EXPERIMENTS UNDER HYPNOSIS

(RR Editor is doubtless displaying the depths of his ignorance - but he does not recall any experiments where mental communication has clearly and indubitably been established through the use of one or more subjects in a hypnotic state. Yet a single clear-cut instance of this should settle the factual problem, if it still exists; it should be conclusive proof that one mind can communicate with another by non-sensory perception, at least under certain abnormal conditions. There must be many such instances on record; but if so, why such prolonged controversy over the FACT of "telepathic" communication and books-full of data to "prove" that "telepathy" exists.

(RR is in receipt of a letter from Mr. H.L.W. CHIBBETT, of London, dealing with certain hypnotic experiments. It was Mr. Chibbett who conducted the London end of the experiments, early in 1948, when we tried to establish contact between a hypnotized subject in London and Mark Probert in San Diego - the latter being in trance; experiments which were very promising and should be repeated and extended. In the course of these later experiments, Mr. Chibbett attempted to control his subject, Mrs. X, by thought alone, while she was under hypnosis. We quote the following excerpts).

The Experiments . .) "Mrs X was instructed to sit in an arm-chair facing a fireplace. Behind her, a few feet away, there was a settee, on one arm of which was a man's hat. Mrs. X was then placed in a deep hypnotic trance. The operator, H.C., stood in front of her, and from then on to the end of the experiment said nothing. But he thought the following sequences:

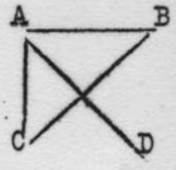
"STAND UP --- GO TO SETTEE -- PICK UP MY HAT AND PUT ON HEAD.

"Altho' repeated in thought, Mrs. X did not seem to be able to carry out the instructions, so H.C. decided to break them down into separate actions. He told her mentally to (1) stand up (2) turn round (3)walk toward settee (4) turn right (5) put out right hand (6) put hat on her head.

"ALL OF THESE MENTAL COMMANDS WERE COMPLIED WITH EXACTLY, with the exception of the last. She placed the hat on H.C.'s head."*

(Under the heading of Impromptu Hypnotic Experiments Mr. Chibbett gives much further data of a similar kind, which we can here refer to only in very brief form):

(1) H.C. drew a line AB, left to right; then the line BC, line CA, line AD (2 sides of a square and the 2 diagonals. Mrs X was in light hypnotic trance. Her pencil



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* We may note, writes H.C. that as soon as the instruction concerned an action out of the normal (placing a man's hat on a woman's head) the subject's mind resisted and substituted a natural action.

exactly reproduced the movements of H.C.'s pen. (2) Mrs. X, in trance, obeyed, tho' with some hesitation, the mental command to rise from her chair and sit down on another. (An apport of a 1d. piece occurred during this sitting). (3) She obeyed mental instruction to clasp her hands, but did not complete this action until H.C. clasped his own hands (thereby, perhaps, giving form and emphasis to the thought).

(4) H.C., standing behind the hypnotized subject (Mrs.X), touched his head with his right hand, at the same time willing Mrs. X to touch her head with her right hand. After a moment she raised her left hand and touched her hair. (Mrs. X herself suggested later, that she might have been outside her dense body and in the etheric, might have turned to face H.C., and so copied his right-hand motion with her left hand) H.C. was standing within her aura, so far as he could judge.

(5) Mrs. X obeyed the mental command to follow H.C. around the room, and halted whenever he mentally commanded her to do so.

(6) In order to introduce commands of an unusual type, H.C. writes, "I sent a mental command to Mrs. X (while she was in light hypnotic trance) to smoke my pipe, lying on the table a foot or so from me and to her left. She rose, went to the table, moved her hand in the right direction but not low enough, and her fingers, which were not searching, touched the match box instead. . . A hypothesis is, that my mind kept urging her nearer the pipe, and that when she over-reached it my thought impulses became confused and non-directive, Mrs. X was thrown on her own resources, her fingers touched the match box, and in effect she said, "This must be the article chosen."

(7) While sitting some three feet away from Mrs. X, H.C. willed that she should carry out the following actions: (a) stand up (b) walk to the fireplace (c) stoop, and pick up a pair of slippers (a man's) (d) return to her chair and (e) put them on. ALL THESE INSTRUCTIONS WERE CARRIED OUT PERFECTLY. "There is no doubt that I had the subject under complete mental control. There was little hesitation, although her own slippers were also in the fireplace, and the natural action would have been to put them on. When I awoke her she was still wearing the man's slippers, and was not aware of it until she stood up to walk across the room.

(8) In another 'out-of-ordinary' test, H.C. willed Mrs. X to take off his right shoe, which she did without the slightest hesitation or prompting.

(9) A post-hypnotic suggestion, given by thought only, "stand on a window chair and give a reason why you do it" was exactly complied with, after Mrs. X had awakened to normal consciousness.

It seems probable to this writer, that any competent hypnotist working with a good subject, could reproduce these effects, and that very extensive investigations might be opened up into the nature of the "telepathic" process. And if mental communication is definitely proven for states of light hypnosis, it is inferentially or 'almost' finally proven for normal mental states also, as probably all well-informed investigators in this field will assuredly agree.

CURRENT MYSTERIES AND PHENOMENA

by John P. Bessor

"DISCS" AGAIN — EX-PILOT IN IDAHO SEES SIX DISCS. (Seattle Post-Intelligencer, May 13, 1949) Robert Smith, of Boise, former B-24 Pilot, saw six "saucers" at 11:05 A.M., ten miles west of Shafer Butte, Idaho. "They were flying in tight formation at 14,000 feet; spiraled down to 3,000 or 4,000 feet, and then shot up rapidly until they were out of sight. They appeared to be intelligently controlled." They had "black bottoms and silver tops" and were about "the size of a four-engined plane."

NEW DISC OVER SEATTLE. (Seattle Post-Intelligencer, May 9, 1949) A lone disc, travelling at great speed, was seen over Seattle's South End by William Bunce of this city, who reported that it was of oblong shape, "no tail", and that it shone with a "rather dark shine." Travelling northeast at a height of about 50,000 feet. Mr. Bunce is a Boeing employee.

MICHIGAN 'DISC'. (Grand Rapids Press, April 14, 1949) A 'flying disc' with an orange center and light outer edge was seen by farmer Clifford Cline of Branch County, Mich., as he stepped out of his barn. (No mention was made of the time of day.)

"PURRING DISCS" (A.P.) Pendleton, Oregon, fishermen, R. H. Osborn, Sr., and E. L. Young report that they saw a "whirling" disc, plainly visible for a minute or two, when on a trip in the John Day county in Eastern Oregon. They said it changed direction and faded out of sight. The "purring" sound faded also. The day was sunny.

SQUARE SAUCERS. (U.P.) Benjamin F. Smith reported he saw two lines of square objects flying over Oakland, California, south to north, at about the height that airlines fly. Soundless and moving at tremendous speed.

SPACE VISITOR? (A.P.) Gem County, Idaho, residents saw a "brilliant, white flying light" in the sky at 9:00 P.M., June 14, 1949. It was "shaded, with a touch of red." Visible for 45 minutes, gaining and losing altitude and veering right and left, finally vanishing into a low cloud. The light appeared to be round. Two United Air Line flights, passing over Emmett, Idaho, at the time reported no observation of the object. However, Louis Hower, editor of the Emmett Messenger, saw the object for fifteen minutes.

WOMAN SPOTS FLYING DISC SECOND TIME. (Lewiston, Idaho, Morning Tribune, July 5, 1949) A woman who saw a flying disc two years ago spotted another at Boise tonight. Mrs. David Commons said she and six other persons watched the disc for approximately 30 minutes. Speeding at first in a northeasterly direction, it later began to maneuver and headed due north. Mrs. Commons said this disc appeared more elongated than the one which she saw two years ago near Homedale.

"DISKS LIKE RARE AIR" (Boise, Idaho, July 7, 1949) "Ted Heikes and Bob Moore, both of Boise, said they saw 'from 50 to 100 unusual objects' flying through the sky today. Heikes said the objects were aluminum colored on one side and dark on the other. He said they seemed to be tied together, first strung out in a long line, and then flying in a 'V' formation. Travelling northeast, and out of sight in about ten minutes."

"SAUCERS" OVER PHILADELPHIA. (Philadelphia Inquirer, July 10, 1949) "Those fabulous 'Flying Saucers' reappeared over various sections of this city and suburbs last night, moving in practically every direction.... Some informants said the small, illuminated plates or discs moved in a circular direction toward the Trenton area. Others said they circled over sections of West Philadelphia. All agreed that they disappeared as mysteriously as they came.... The 'saucers' were present for an off-and-on period from 9:30 to 11 P.M." Mr. George Wunsch reported having seen nine of the things, which appeared at even intervals, about a minute apart, and that they moved 'considerable faster' than an airliner, but were clearly visible to him and his wife. Mr. and Mrs. Barry McGuigan reported seeing a similar object which seemed to stop, at intervals, for about 8 seconds.

"RECTANGLES" OVER BRITISH COLUMBIA. (Vancouver Daily Province, July 15) Not a "flying saucer" this time, but Walter Beurich of Penticton reported seeing a black, rectangular object in the northwest sky on the night of July 13. He said it suddenly became smoke, then another similar object appeared. Mrs. Max Koler backed up the story by saying she saw the same queer object in the skies above her home.

"BIG SHINY THING" GOES ROLLIN' ALONG. Three men of Pullman, Wash., saw a 'big shiny thing floating along toward the east in a kind of rolling motion' on July 15th, according to the Seattle Post-Intelligencer.

DISCS REPORTED IN MICHIGAN SKIES. (Grand Rapids Press, July 15, 1949) Three different women reported seeing several 'flying saucers' near Honor. The discs, they said, were "brilliant silver on one side and dark on the other."

GREAT FLORIDA 'METEOR'. (Clippings from many sources, June 6, 1949) Reported seen in South Georgia, Ocala, Orlando, Daytona Beach, Jacksonville, and Fort Myers, covering a distance of 600 miles, a "very brilliant" 'meteor', somewhat smaller than a full moon, leaving a luminous, weaving trail visible for 25 minutes, revived talk of "rocket ships". One observer says: "The tail was 'S' shaped and then became almost horizontal, apparently blown about by winds at high altitude." At MacDill Field, the trail was estimated to be from 50 to 60 miles in length. Daytona Beach observers said they saw a flash and then a cloud of smoke which looked like 'the figure 2'. (This trajectory appears rather odd for a meteor, which, incidentally, appears to have covered a distance of 600 miles at an altitude so low the trail of its smoke was disturbed by wind currents -- but it would not be odd for a poltergeist-propelled object. Harry Price noted many instances in his recent Poltergeist Over England, of poltergeist-carried objects taking a 'weaving' or 'zig-zag' trajectory.)

EXCERPTS FROM CORRESPONDENCE:

Tactics of AMA)
Doctors - Cancer)
Treatment -)
Drug interests)

"Editor RR: I was very much interested in the write-up about the Koch treatment for cancer; it certainly was something that needed airing. And there is something seriously wrong with the attitude of doctors. Our State Medical Board is constantly on the watch to trip up osteopathic or chiropractic doctors. The office where I work took a case to the California Supreme Court some years ago, where the Medical Board snatched the license of one of these doctors because he sold a few vitamin tablets (that you can buy in many grocery stores) and took a few drops of blood from a patient's ear for analytical purposes. We won it, too, but now we have one where they snatched the license of a laboratory technician (and chiropractor) because he "punctured the human skin" and took a few drops of blood for the same purpose. We'll probably win that one, too. Laboratory technicians, and even nurses in doctors' offices, customarily, all over the country, do this extracting of blood as a matter of course. But because this man was a chiropractor and not associated with an AMA M.D. they thought they saw another chance to do some damage to that work. It is really amazing that people supposed to be dedicated to the welfare of humanity will act that way. . .

" It seems to me that cancer has increased to an appalling extent in the last few years, especially in its attacks on children. I think that you and this Lutheran group you speak of are doing a great service in bringing this Koch treatment to the notice of the public. One way to stymie the AMA in its obstructive tactics is to get the masses of the people to such a boiling point that they will be compelled to pay attention . . . In addition, there is the vast industry of "cancer research" to contend with. Thousands of people must be making huge sums of money out of it, from those who supply rats, hamsters and mice to those who work in or manage laboratories ... Jobs and money are things people will fight for with the fierceness of desperation." V.O.J., San F'co.

Our readers write to us, appalled, and say 'How, why could anyone be so depraved as to try to suppress a genuine cure for cancer!!! We repeat the familiar figures; 'It costs about $6000 to die of cancer in the United States. There are about 1,000,000 cases of cancer in this country. How much is 6,000 x 1,000,000 in terms of dollars - as a permanent backlog for medical 'science' and practise? Add the revenues from tuberculosis, rheumatism, arthritis, heart disease, half a dozen others. Add, that the death rate from cancer is increasing (and the 'take' of the doctors in proportion). Add, the enormous investments and revenues of the drug interests. Does anyone still need to ask WHY a cheap and almost certain cure for these afflictions should be blotted out of existence, at least from public knowledge, IF POSSIBLE? Or why every device of trickery and fraud and the most outrageous physical violence has been repeatedly employed for nearly two decades... There

are at least four highly successful treatments for cancer: The H-11, used in England (and bitterly opposed by the British Medical Association); the Hoxsoy treatment (Dallas, Texas - vituperated by the AMA but steadily gaining ground); the Nichols treatment by Escharotics (caustics) (Nichols Sanatorium, Savannah, Missouri - also savagely attacked by organized medical groups); finally the KOCH TREATMENT, with twenty years of trial and struggle and a half-million successful treatments to its credit. If one is to judge by the virulence of persecution, the KOCH treatment must be rated ahead of all others; it is a black cloud on the horizon of the medical gangsters, but a rising sun of hope and new life to millions of suffering people. These four methods are saving countless lives, but none of them is recognized, accepted and 'approved' by organized medicine (that is, by the inner gang which dictates its policies). With the most brazen effrontery, the AMA goes on declaring that only radium, X-ray, and surgery can cure this disease - when the truth is that NONE of these is a cure (but they may postpone the fatal day until the bank account of the patient pre-deceases him); and they go on collecting enormous sums from a sorrowful and gullible public, for "research" which comes to nothing - and printing as new discoveries and signs of their progress, stuff that was familiar in the medical schools a quarter century ago. The heartless viciousness of this medical Ku Klux surpasses anything since the inquisition - and not only the public, but thousands of honest and honorable physicians are themselves duped or intimidated by it . - But if you think to crusade against it, remember the proud utterance of ex-chief Fishbein, that the AMA has 'never lost a case', that their resefve funds are (reputedly) of the order of 20 million dollars, and that unless you have a million or so of your own to spend, you will NOT find a lawyer to plead your cause.

We take this opportunity to add one or two items for the information of those who write us about the Koch treatment. The convention of Koch physians recently ended at Detroit, decided among other things, NOT to give the treatment in cases where irradiation has been given (Xrays or radium) within the past six months. Please take note of this, and advise your friend or relative who has this affliction and who is considering the Koch treatment, NOT to permit any kind of irradiation treatment.

Do not allow anyone to make you believe, that 'only the case reported early can be cured'. This is not true under the Koch treatment.

We get indignant letters about over-charging by doctors. If the Koch treatment were the Elixir of Life itself, there would be some doctors who would plunder and exploit. The excellence of a remedy does not guarantee the honesty of the physician. Ask for fully itemized statements in such cases, dated and signed - and let Round Robin have the facts for our records and possible use. Remember that altho a tentative schedule of charges has been agreed upon, one case may require long treatment and close observation, another may require very little. And for names, write the Christian Medical Research League, 14344 East Jefferson, Detroit 15, Mich. Give name and address of the patient, and of present doctor if possible; your own name and street address. Round Robin does not have complete lists of Koch doctors.

A NOTE CONCERNING "VITIC" OR "CARBON FORCE":

RR has at various times printed considerable material on this unusual subject, and the Editor hopes to collect the data into booklet form before long. Meanwhile we mention two or three points for information of BSRA members actively interested. (1) Seance communicators (Mark Probert) have recently asserted that carbon emanations are highly beneficial to some persons, but harmful to others. That when magnet and C are held, "the magnetic field or energy is drawn into the body". That caution must be used in the therapeutic use of this combination. Watch effects on subject. If nervousness and wakefulness result, discontinue, or "change hands" on the C & the magnet. (More from this source later). We add: great care should be used about introducing suggestion, in all experimental work; but in actual treatment of nervous conditions (et cet.), suggestion is of course a legitimate and powerful adjunct. . . We need systematic investigation by means of the Edison galvanometer (of increased deflections and charging of nerve ganglia). Meanwhile, we are trying for systematic observation by clairvoyant means. The C rod emits a bluish light or 'flame' about the size of a candle flame, from its tip, but only when it is being held. This varies somewhat with the carbon used, and probably with the hardness. It is enhanced by holding the magnet in the other hand. We want reports from clairvoyants; they should be systematic and all suggestion and foreknowledge should be excluded if possible. . . Do not recommend the use of these rods in an indiscrimiaate manner; their use should be cautious and experimental. Try ordinary arc carbon: purity but not hardness may be important.

BOOKS FOR SALE; The following titles are obtainable from Dr.P.C. Cosman, 4539 North Ave., San Diego 4, Calif. All books in perfect condition:

By Dr.Alexander Cannon: Power of Karma - The Invisible Influence-Powers that Be. $5.00 for the three.

By James Coates: Photographing the Invisible: $3.50

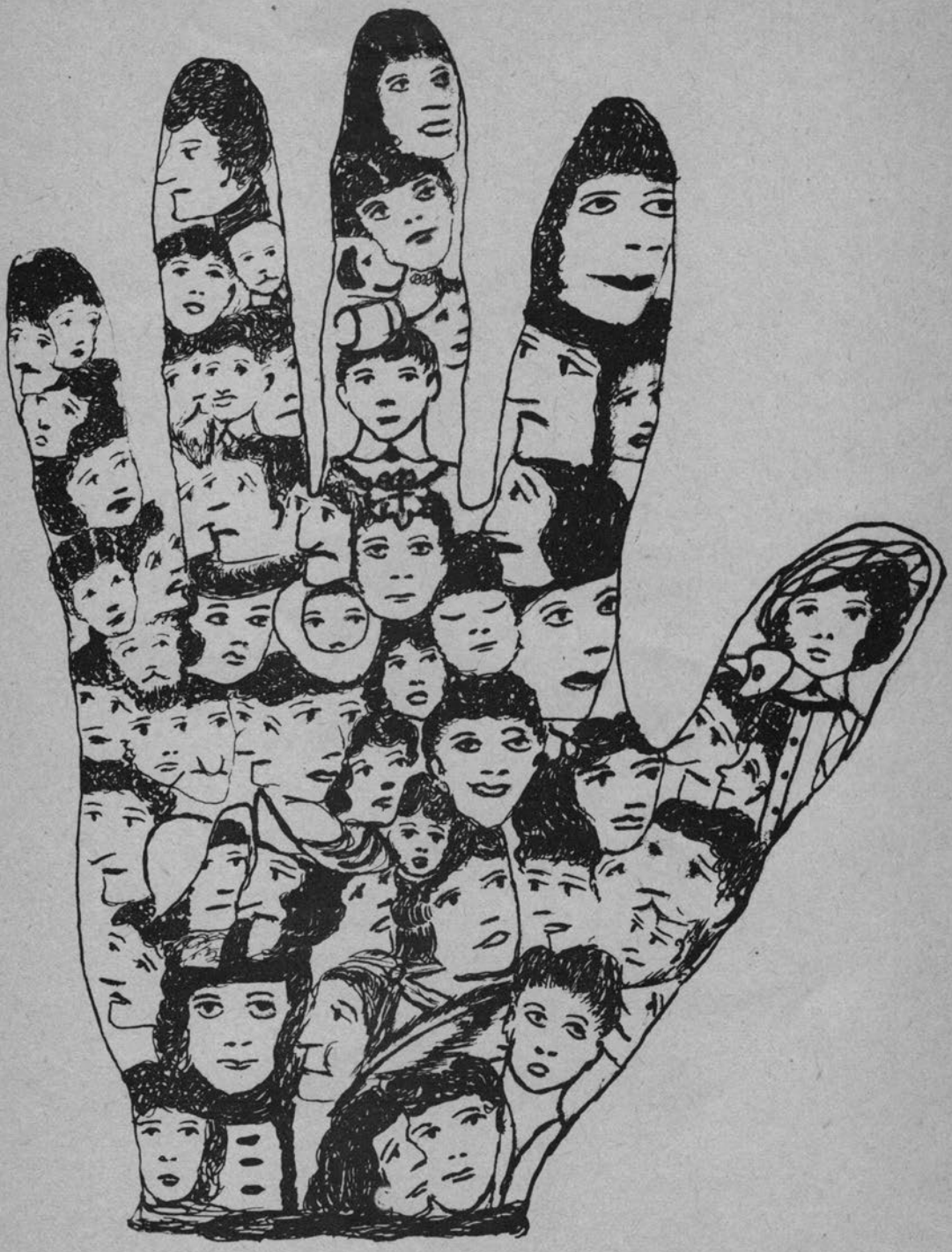
By H. LaVerne Twining: Physical Theory of the Soul: $1.00

By William Windson: Loma, A Visitor of Venus: $2.50

ALL SIX VOLUMES, ONE SALE, $10.00

CARBON STICKS, all dia., 12" or more long, are sold by National Carbon Co.,1715 Clark Bldg. Pittsburgh 22, Pa. Ask for Cat.Sect. M-9441B. Cut the rod into 3" lengths for use. (Addendum to VITIC note, sup.)

AN ODD PHASE OF PSYCHISM: On the next page we reproduce a drawing made by Mrs. H.A. Young, of Hackensack, Minn. RR Editor made a pencil tracing around his left hand, and Mrs. Young draws in the faces which she sees appear. "Many things and faces appear, and weave in and out; when one shows up clear-cut then I draw it." Many persons feel sure that some of the faces are those of 'dead' friends and relatives. All drawings are done in art pencil, or on glossed paper in ink if used for cuts. "Please mention that I charge $2.00 per hand, to avoid answering so many letters . . . It takes 3½ to 4 hours to complete a drawing." Address Mrs. Young at Hackensack - not thru RR.- A reproduction similar to this, of her work, appeared CHIMES Magazine recently.



ANNOUNCEMENTS

BOBBITT AGENCY, 1609 - 10th Ave. No. Nashville 8, Tenn. Psychic and occult publications; single copies, subscriptions, samples, foreign publications.

CHIMES: Illustrated. 18 pp or more; monthly; Bert L. Welch, Ed., Box 218, Brea, Calif. Has a "New Books" dept.

ERGOT - bi-monthly, for students of mysticism and occultism. P.O.box 83, Stockbridge, Mass.

THE FIREWALK - NEW MATERIAL SOON TO BE ISSUED BY MAX LONG, F.H.F., Box 2867 Hollywood Sta., Los Angeles 28, Calif. IMPORTANT TO ALL HUNA STUDENTS. Write now to reserve your copy, and enclose $1.10 - also annotation "No answer required" unless you have some urgent inquiry.

KOSMAN PIONEER BULLETIN. Mo., Essenes of Kosmon. No.Salt Lake, Utah. (This is the organization directed by Wing Anderson - students of OAHSPE)

NEW AGE INTERPRETER. Theodore Heline, Ed., about 21 pp. Box 6133 Metropol. Sta., Los Angeles 55,

RESEARCH: Bul. of Atlantis Research Center. Address Secretary, A.R.Center, 9 Markham Square, Lon. S.W. 3 - or Floyd Shattuck, Box 18, Brady Lake, Ohio.

THE SPHINX: Quarterly, mimeo., about 40 pp. Occult and "borderland". Pub. by F.E.Rogers. $2.00 yr. Box 128 No.Park Sta., San Diego 4, Calif.

MEADE LAYNE & BSRA PUBLICATIONS: (Mimeo. only)MEMORANDA from the Mark P. Seances, ($1.00, or 3 for $2.00 etc.); Mystery of the Flying Discs (42 p. booklet, $1.00); Geomancy (Divination by the Element of Earth), $1.00 (mimeo.); EXPERIMENTS OF MORLEY MARTIN AND OF DR. CHARLES W. LITTLEFIELD (in abiogenesis), booklet, $1.00; Letters to a Soldier (elementary exposition of first conditions after death),30 pp. $1.00. THE KOCH TREATMENT FOR CANCER AND ALLIED ALLERGIES- History and present Status. This discovery, long suppressed, is epoch-making, now being widely publicised. If you have CANCER OR ANY OTHER SO-CALLED INCURABLE DISEASE, AT LEAST INVESTIGATE THE KOCH TREATMENT. This booklet sells at .50, most people order two copies. We'll send 1 copy for inspection; if not worth 100 times the price, just send it back to us. Note articles in this issue of RR bearing on this subject.

THE MANY FRIENDS OF MARK PROBERT, gifted trance medium, will be glad to know that his work is receiving increased attention; he now gives several meetings each month in the Los Angeles area, attended by many professional workers (physicians, psychologists, advanced students of psychic phenomena, of the HUNA teachings etc.). The Communicators continue with the clairaudient dictation of their remarkable book ms, later to be offered to the public. Mr. Probert can be reached in care of Round Robin, 3524 Adams Ave., San Diego 4, Calif.
THE FITZ ROY ANDERSON PAMPHLET ON THE KOCH TRIAL has been condensed and mimeographed by us and will soon be available. ALSO, read the KOCH TREATMENT discussion in F.E. ROGERS' TALK OF THE TIMES, July issue, pp. 40/45 (Box 1467, San Diego 12, Calif.30¢ each).